

**To:** 'way.steven@epa.gov'[way.steven@epa.gov]  
**Cc:** Goertz, Dave[Dave.Goertz@WestonSolutions.com]  
**From:** Anne Winckel  
**Sent:** Mon 10/5/2015 9:20:02 PM  
**Subject:** Fw: Soil Samples  
GK\_Fig2\_ReclamationAreas\_Sept20\_sample\_locations.pdf

Hi Jan,

The ph and temp readings are as follows:

Rec Area 1, pH=3.68, temp=13.92 C

Rec Area 2, pH=4.08, temp=11.07 C

Rec Area 3, pH=3.99, temp=10.41 C

Please let me know if you need additional data.

Anne

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**From:** Anne Winckel  
**Sent:** Saturday, October 3, 2015 7:09 PM  
**To:** Christner, Jan  
**Subject:** Re: Soil Samples

Hi Jan,

I attached a pdf showing small black stars to indicate the location of my samples. I realize now that Rec Area 1 and 3 were sampled just outside the boundary given. At each location, I took a 5-point composite, but the five points were all in the same general area.

Anne

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**From:** Anne Winckel  
**Sent:** Saturday, October 3, 2015 5:35 PM  
**To:** Christner, Jan  
**Subject:** Re: Soil Samples

Hi Jan,

The ph and temp readings are as follows:

Rec Area 1, pH=3.68, temp=13.92 C

Rec Area 2, pH=4.08, temp=11.07 C

Rec Area 3, pH=3.99, temp=10.41 C

Please let me know if you need additional data.

Anne

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**From:** Christner, Jan <Jan.Christner@WestonSolutions.com>

**Sent:** Friday, October 2, 2015 6:05 PM

**To:** Lee Ellmaker

**Cc:** Anne Winckel; Petri, Elliott

**Subject:** RE: Soil Samples

Anne,

Please collect composite samples from the three revegetation areas and do the paste pH's. See the attached map. One sample per area from the top 4-6 inches of soil. The areas should be kind of obvious because they are disturbed from recent activities (loose soil, etc.) Thanks.

Jan

**From:** Lee Ellmaker [mailto:lee.ellmaker@mecx.net]

**Sent:** Friday, October 02, 2015 6:01 PM

**To:** Christner, Jan

**Cc:** Anne Winckel; Petri, Elliott

**Subject:** Re: Soil Samples

I can tell Anne were to collect three more samples if you would like.

Sent from my iPhone

lee ellmaker | engineer | mecx

mobile 775.771.8419

fax 713.585.7049

office 713.585.7000 x 7009

8864 interchange drive

houston, texas 77054

[lee.ellmaker@mecx.net](mailto:lee.ellmaker@mecx.net)

On Oct 2, 2015, at 6:57 PM, Christner, Jan <[Jan.Christner@WestonSolutions.com](mailto:Jan.Christner@WestonSolutions.com)> wrote:

I wanted the paste pH. We just didn't send them to the lab because the turnaround time was too long.

**From:** Lee Ellmaker [<mailto:lee.ellmaker@mecx.net>]

**Sent:** Friday, October 02, 2015 5:56 PM

**To:** Anne Winckel

**Cc:** Christner, Jan; Petri, Elliott

**Subject:** Re: Soil Samples

I thought you wanted the paste pH on the three samples I collected for you, but Elliott thought you did not want anything from those any more. So I'm not clear what you want.

Sent from my iPhone

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On Oct 2, 2015, at 5:40 PM, Anne Winckel <[Anne.Winckel@respec.com](mailto:Anne.Winckel@respec.com)> wrote:

Hi Jan,

Are we talking about the soil/sediment sample that was collected during the large "county sampling event"? I know Dave Robinson collected three jars and drove them to the lab on Tuesday night.

For the paste pH, I understand it is a requested laboratory analysis. I don't have the results of the analysis. Are you sure I am the one with this information?

Anne

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**From:** Lee Ellmaker <[lee.ellmaker@mecx.net](mailto:lee.ellmaker@mecx.net)>  
**Sent:** Friday, October 2, 2015 9:54 AM  
**To:** Christner, Jan  
**Cc:** Anne Winckel  
**Subject:** Re: Soil Samples

I'm on my way home, Anne will be able to get that for you.

Sent from my iPhone

lee ellmaker | engineer | mecx

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lee.ellmaker@mecx.net

On Oct 2, 2015, at 9:36 AM, Christner, Jan  
<Jan.Christner@WestonSolutions.com> wrote:

Hi, Lee.

Did you ever get the chance to run the paste pH on the soil samples you collected when I was there. The lab's turnaround time was too great to get the results back in time, but the pH values would help. If we could get XRF also, that would be good.

I don't know if you're still there, so I'm cc-ing Anne on this.

Jan

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